

# WEST Search History for Application 10534211

Creation Date: 2009081309:54

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
4930123.pn. or 5208811.pn. or 5323392.pn. or 5524212.pn. or 5544161.pn. or 5680235.pn. or 5684799.pn. or 5719862.pn. or 5822298.pn. or 6014708.pn. or 6041042.pn. or 6041056.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
6097720.pn. or 6151641.pn. or 6163527.pn. or 6188699.pn. or 6256292.pn. or 6301254.pn. or 6414966.pn. or 6487177.pn. or 6496519.pn. or 6542516.pn. or 6584118.pn. or 6603770.pn. or 6657969.pn. or 6690679.pn. or 6731876.pn. or 6765928.pn. or 6795446.pn. or 6804248.pn. or 6888791.pn. or 6993047.pn. or 7031341.pn. or 7068773.pn. or 7277443.pn. or 7298428.pn. or 20010012288.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
20010043603.pn. or 20020091862.pn. or 20020085563.pn. or 20040105453.pn. or 20040184450.pn. or 20040252688.pn. or 20050063396.pn. or 20060007854.pn. or 20060126651.pn. or 20060224659.pn. or 20070014573.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
20010043603.pn. or 20020091862.pn. or 20020085563.pn. or 20040105453.pn. or 20040184450.pn. or 20040252688.pn. or 20050063396.pn. or 20060007854.pn. or 20060126651.pn. or 20060224659.pn. or 20070014573.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
(4930123.pn. or 5208811.pn. or 5323392.pn. or 5524212.pn. or 5544161.pn. or 5680235.pn. or 5684799.pn. or 5719862.pn. or 5822298.pn. or 6014708.pn. or 6041042.pn. or 6041056.pn. ) or (6097720.pn. or 6151641.pn. or 6163527.pn. or 6188699.pn. or 6256292.pn. or 6301254.pn. or 6414966.pn. or 6487177.pn. or 6496519.pn. or 6542516.pn. or 6584118.pn. or 6603770.pn. or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009

6657969.pn. or 6690679.pn. or 6731876.pn. or 6765928.pn. or 6795446.pn. or 6804248.pn. or 6888791.pn. or 6993047.pn. or 7031341.pn. or 7068773.pn. or 7277443.pn. or 7298428.pn. or 20010012288.pn. ) or (20010043603.pn. or 20020091862.pn. or 20020085563.pn. or 20040105453.pn. or 20040184450.pn. or 20040252688.pn. or 20050063396.pn. or 20060007854.pn. or 20060126651.pn. or 20060224659.pn. or 20070014573.pn. )					
(tributary or tributaries) same (((multiple or multi) near1 ring\$) or multiple-ring\$ or multi-ring\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
ringlet\$ same ((tributary or tributaries) same (((multiple or multi) near1 ring\$) or multiple-ring\$ or multi-ring\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
ringlet\$ and ((tributary or tributaries) same (((multiple or multi) near1 ring\$) or multiple-ring\$ or multi-ring\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
(ringlet\$ and (tributary or tributaries) same (((multiple or multi) near1 ring\$) or multiple-ring\$ or multi-ring\$) ) .clm.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
((tributary or tributaries) same (((multiple or multi) near1 ring\$) or multiple-ring\$ or multi-ring\$) ) .clm.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		08-13-2009
(4930123.pn. or 5208811.pn. or 5323392.pn. or	PGPB,	ADJ	YES		08-13-2009

5524212.pn. or 5544161.pn. or 5680235.pn. or 5684799.pn. or 5719862.pn. or 5822298.pn. or 6014708.pn. or 6041042.pn. or 6041056.pn. or 6097720.pn. or 6151641.pn. or 6163527.pn. or 6188699.pn. or 6256292.pn. or 6301254.pn. or 6414966.pn. or 6487177.pn. or 6496519.pn. or 6542516.pn. or 6584118.pn. or 6603770.pn. or 6657969.pn. or 6690679.pn. or 6731876.pn. or 6765928.pn. or 6795446.pn. or 6804248.pn. or 6888791.pn. or 6993047.pn. or 7031341.pn. or 7068773.pn. or 7277443.pn. or 7298428.pn. or 20010012288.pn. or 20010043603.pn. or 20020091862.pn. or 20020085563.pn. or 20040105453.pn. or 20040184450.pn. or 20040252688.pn. or 20050063396.pn. or 20060007854.pn. or 20060126651.pn. or 20060224659.pn. or 20070014573.pn. ) and ((tributary or tributaries) same (((multiple or multi) near1 ring\$) or multiple-ring\$ or multi-ring\$ )	USPT, USOC, EPAB, JPAB, DWPI, TDBD				
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